

Serial No. 10/037,584

### LISTING OF THE CLAIMS

1           1. (Currently Amended) A method for doing call  
2   classification on a call to a destination endpoint, comprising the  
3   steps of:  
4           receiving audio information from the destination  
5   endpoint;  
6           concurrently analyzing using automatic speech  
7   recognition the received audio information for ~~a first type of~~  
8   classification words and tones ~~a second type of classification~~;  
9   and  
10          determining a call classification for the destination  
11   endpoint in response to the step of analyzing.

1           2. (Cancel)

1           3. (Currently Amended) The method of claim [[2]] 1  
2   wherein the analyzed words are formed as phrases.

1           4. (Cancel)

1           5. (Currently Amended) The method of claim [[4]] 1  
2   wherein the step of analyzing comprises the step of executing a  
3   Hidden Markov Model to determine the presence of words or  
4   tones in the audio information.

Serial No. 10/037,584

1           6. (Original) The method of claim 5 wherein the step  
2 of executing comprises the step of using a grammar for speech  
3 and tones.

1           7. (Original) The method of claim 6 wherein the step  
2 of determining comprises the step of executing an inference  
3 engine.

1           8. (Original) A method for doing call classification on  
2 a call to a destination endpoint, comprising the steps of:  
3           receiving audio information from the destination  
4 endpoint;  
5           concurrently analyzing using automatic speech  
6 recognition the received audio information for words and tones;  
7 and  
8           determining a call classification for the destination  
9 endpoint in response to the analysis for words and tones.

1           9. (Original) The method of claim 8 wherein the step  
2 of analyzing for speech comprises the step of executing a  
3 Hidden Markov Model to determine the presence of words or  
4 tones in the audio information.

1           10. (Original) The method of claim 9 wherein the step  
2 of executing comprises the step of using a grammar for speech  
3 and tones.

Serial No. 10/037,584

1           11. (Original) The method of claim 10 wherein the  
2   step of determining comprises the step of executing an  
3   inference engine.

1           12. (Currently Amended) A method for doing call  
2   classification by an automatic speech recognition unit on a call  
3   to a destination endpoint, comprising the steps of:  
4           receiving audio information from the destination  
5   endpoint by the automatic speech recognition unit;  
6           concurrently analyzing using automatic speech  
7   recognition the received audio information for ~~a first type of~~  
8   ~~classification~~ words and ~~a second type of classification~~ tones by  
9   the automatic speech recognition unit; and  
10          determining a call classification for the destination  
11   endpoint in response to the step of analyzing by the automatic  
12   speech recognition unit.

1           13. (Canceled)

1           14. (Currently Amended) The method of claim ~~43~~ 12  
2   wherein the analyzed words are formed as phrases.

1           15. (Canceled)

1           16. (Currently Amended) The method of claim ~~45~~ 12  
2   wherein the step of analyzing comprises the step of ~~executing a~~

Serial No. 10/037,584

3 Hidden Markov Model to determine the presence of words or  
4 tones in the audio information.

1 17. (Original) The method of claim 16 wherein the  
2 step of executing comprises the step of using a grammar for  
3 speech and tones.

1 18. (Original) The method of claim 17 wherein the  
2 step of determining comprises the step of executing an  
3 Inference engine.

1 19. (Currently Amended) A call classifier for  
2 determining the call classification of a called destination  
3 endpoint, comprising:  
4 an automatic speech recognizer for detecting words  
5 ~~first and tones second characteristics~~ in audio information  
6 received from the called destination endpoint; and  
7 inference engine for classifying the call in response to  
8 the automatic speech recognizer.

1 20. (Canceled)

1 21. (Currently Amended) The call classifier of claim  
2 ~~20~~ 19 wherein the words are formed into phrases.

1 22. (Canceled)

Serial No. 10/037,584

- 1                   23. (Currently Amended) The call classifier of claim  
2    22 19 wherein the automatic speech recognizer is executing a  
3    Hidden Markov Model.